

# Stepping Towards Modern Educational System

Dr. Renuka Ekanath Walunj

Assistant Professor, Dept. of Commerce, Sinhgad College of Science, Ambegaon (Bk), Pune.

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**Abstract:** In today's pandemic situation Technology is playing a very significant role in the economic and commercial life of different countries globally. Changing technology, evaluation, assessment and critical thinking as a developing talent can take the country forward. It is urged by society to build the best leadership and talent amongst the students as they are pillars for the successive future of the country. In the present corporate world a lot of attention is given to the practical knowledge and experience which is lacking to some extent in the education system. In this new changing scenario it is needed to fill the gap between theoretical knowledge and practical knowledge which is required in the corporate world as well in the entrepreneurship world. Now it is a challenge in front of students and teachers to accept and bend towards new technology in teaching and learning pedagogy.

**Keywords:** Pandemic, Technology, Pedagogy.

## 1. INTRODUCTION

Whole world has been changing and accepting the changes taken place due to COVID-19. Developing countries also take forwarding steps to accept and implement new technology and innovation in each sector for development of the economy. India is one of them. As we know due to this pandemic situation the world economy is collapsing and every country is finding ways to peek out in different ways with the help of innovative patterns. Every industry is trying to cope with the situation finding new steps to sustain in the market. In India most of the population is the young generation where we can sustain and cope up with the situation easily as compared with other nations. Every industry is trying to come out with this situation by finding innovative and dynamic ways.

Education industry is not behind in implementing new innovative things. Modernisation and new techniques in education systems have already taken place. Private educational institutions have started to use innovative tools in teaching and learning but public educational institutions also need to come forward for implementing new ways of education from students. It is an urge to accept and be part of a new innovative world. Modern technology should be implemented hundred percent for future economic development. Being a part of a new changing world is a sign of being alive otherwise we cannot become part of competition. Effective and efficient education will strengthen economic development. Use of modern and innovative techniques in the education system will enlighten the students and will help to build perfection and society development.

## 2. OBJECTIVES

1. To understand need of change in Teaching Pedagogy
2. To know the innovative education system and limitations face by Education Institution.
3. To study prospects towards Modern Education and need of ICT in Modern Education System.

## 3. NEED OF CHANGES IN TEACHING PEDAGOGY.

Successive changes have taken place in the education sector due to global emergency. In this competition era everyone was in race and were trying to absorb and implement technology for development. There is a need to modernize the educational process in school and higher educational institutions including improving the quality of training specialists; the professional competence of teachers; arming them with high and modern professional knowledge, skill and abilities; creative and challenging use of scientific and technical innovation and development of skills for solving promising tasks.

For development, change is the constant thing in life. In the same manner, the education system is based on the principle of a continuous improvement. But really it is challenging whether we are successful to do so? For successive improvement continuous analysis and evaluation is required in the education system. In this sector overall development is required from both the side as a teacher and as a student. Teachers play an important role in developing tomorrow strong and knowledgeable pillars for society. So continuous improvement is the basic but challenging task for an education institute. As a teacher tasks aimed at updating and deepening the professional knowledge and skills is required for the modern online teaching pedagogy. Teachers should be always ready for upgrading the knowledge of innovative online / offline

tools which are beneficial and necessary for upgrading the knowledge of teachers and also for the betterment and successful features of the students. Updated, knowledgeable students are the real hero for tomorrow's strong nation.

#### **4. INNOVATIVE EDUCATION SYSTEM**

Now in this situation every educational institution needs to take forward steps to refrain from educational policies by taking different initiatives for improving the quality of education and upbringing, training competitive personnel and developing creative skills for future specialists. Developing country like India it is needed to focus on continuous improvement in the education sector. In India, on one side many employment opportunities are waiting for knowledgeable and skilful individuals and on the other side every year many degree holders are coming out but they are unemployable due to lack of practical knowledge. To fill this gap new innovative and modern techniques with a practical based education system is required for today's changing challenging economy.

Education is defined as humanistic, democratic nature and upbringing, continuous implementation of modernisation and practical skill based methods and the training of competitive personnel that meet the requirements of a market economy. Improvement or modernisation process should take place everywhere private, public, school and higher education institutions with improving the quality of the system of training specialists, increasing professional competence of teachers, innovative professional knowledge, abilities, creative use of scientific and technical innovation and development of skills for solving promising tasks

#### **5. LIMITATIONS IN EDUCATION INSTITUTIONS**

In this 21st century still there are a number of shortcomings in Indian Education Institutions. Some of the educational institutions lack Scientific and pedagogical potential due to many reasons. Providing innovative teaching learning processes with information, advanced methodological and educational literature does not meet modern requirements but there is a need for a systematic and scientific way of updating and changing their material with a technical base.

For accepting the challenges there is a need to organize the activities of the education system in systematic and scientific manner at the level of world standards, integration into the system of international education and also need to organize the training system at the level of the requirements of the modern international market. For overall development, in government or public educational schools, higher education and institutions, need to implement well developed modern teaching tools techniques, laboratory equipment, computer equipment and teaching aids. Continuous seminar, workshop or national training program should be implemented by expertise advanced personnel training for updating the professional knowledge and skills of teachers. Qualified and expert teaching staff are helpful for betterment of students' futures. As we know the change is the only constant thing in the world as the consistent changes will be helpful for achieving quality education and producing skilful young generation for tomorrow's country's development. Highly qualified specialists and knowledgeable personnel will change the things in the education.

#### **6. PROSPECTS TOWARDS MODERN EDUCATION**

Nowadays the young generation are user friendly with technology so that we can utilize it in a positive and qualitative manner. New advance teaching methods inspire the student to do the work in better way so that they can utilize for their betterment of the future. There are many ways to implement new methods for teaching and learning, like by allowing students to engage in collaborations (leads team work), effective communication, critical thinking( by giving problematic tasks,) creativity (leads to take decision) and selecting choices. There is important role of teachers to motivate the students with effective and efficient coordination and communication.

According to Albert Einstein, "Education is not the learning of facts, but the training of the mind to think."

Strong and powerful teaching techniques include two types of love. First one is that the teacher loves the subject and is passionate about teaching that subject. Second one is that the teacher loves towards students for genuine and decisional learning which motivates students for soft and well-being of others. First priority of the teachers is to maintain soft relations and effective and efficient bonding with students by taking different activities or by role playing. Nowadays students are very technocratic where they enjoy and love to learn with that. So Information and Communications Technology (ICT) is a heart of today's teaching and learning methods. For effecting teaching systems, new innovative tools and modern techniques play an important role for teaching and learning. Earlier knowledge was powerful but nowadays knowledge is accessible on single click. In Today's modern era the role of teachers is changing as teachers are mediators, or facilitators for students who guide them where and how to get efficient and right knowledge for their future betterment.

## 7. NEED OF INFORMATION AND COMMUNICATION TECHNOLOGY (ICT)

Knowledge and information are vital roles of transformative dimensions of existence and are key drivers behind the implementation of all the sustainable development of Goals. The 2020 Agenda identifies the need to develop knowledge societies where everyone has opportunities to learn and engage with others, which severely highlights the need for access to Information and Communication Technologies (ICTs).

In many places, individuals or communities cannot access the internet. In developed countries more than 80% of individuals use the internet whereas in the developing countries majority of individuals are poor and remote communities who cannot access the internet.

In these, connectivity is an important factor where communities can upgrade themselves. Connectivity means that individuals and communities have the skill and capacity to interact with each other, they can access the available resources. The technology will help bridge physical and cultural distances. Most importantly people must learn how to use technology and information in ways appropriate to their needs and aspirations. The relevance of ICTs is not only just in access or the basic command skills but it will truly be relevant if they help us innovate in our daily lives. Technological innovation should be successful when it supports social innovation. Efforts cannot only focus solely on access. Quality Education is based on performance but it is dependent on the capacity to understand their world and to respect other cultures and people. Role of education is to prepare citizens that we need to bear in mind.

Around the world many countries are facing urgent challenges in 'ICT in Education' due to the rapid development of technologies, the required financial investments and also need to have a clear vision of the role that teachers who have to play harnessing the power of ICT in the classroom.

ICT in education policies have to tackle some things such as teacher competencies, learning materials, ICT equipment, student and teacher motivation and linkages to other areas of national policy and socio-economic development. Modern innovative technology has opened the door to expand the learning options for teachers and students for a bright future. Majority of urban area population are fortunate enough to have internet access, availability of resources and appropriate guidance and usage as compared with rural populations. As we are saying India is a developing country but we have achieved enough success in technology with 'Digital India' and 'Make in India'. But in few cases due to low budgets still some schools and colleges are slow for implementation of computing and communication technology with no knowledge of its value or no willingness to include computational technology.

## 8. CONCLUSION

India is a developing country where it is needed to take stepping forward steps for modernisation in the education system for future development. Already Indian government is taking initiative by announcing many new ways in the education sector. Ministry of Human Resource Development (HRD) has launched 'Bharat Padhe Online' campaign. The Government initiated the process of formulating New Education policy through consulting expert opinions, field experiences, empirical research, stakeholder feedback and lessons learned from best practices. New Education Policy was launched on 29 July 2020 with main object of "India a global knowledge superpower." They have launched many liberalized policies for the bright future of the students. They have removed the 10+2 pattern and come up with 5+3+3+4 pattern where students can enjoy their learning without any burden. All graduation courses will come up with major and minor subject selection where students can evaluate their learning accordingly they can achieve the career goal. More flexibility is given by multiple entry and exit from any course. The Credit Choice Based System is already implemented by the University like international universities. Surely with this we can hope our education system will be modernised and innovative at par with modern countries and the future of our children will be bright.

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